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CLIMATOLOGICAL MEMORANDUM No.38A
(Revised Edition of C.M. No.38)

1931–60 AVERAGES OF TEMPERATURE AND SUNSHINE

(for stations not included in M.O. 735 and M.O.743)

by

R. E. BOOTH

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Climatological Memorandum No.38A

1931-60 Averages of Temperatures and Sunshine for stations not included in M.O.735 and M.O.743 with additions and amendments up to December 1966.

by R. E. Booth

This memorandum is a revision of Climatological Memorandum No.38. The data have been scrutinized and amended where necessary, and some recently computed averages have been added. Various improvements have been made in the layout, and, for the sake of brevity, the temperature means are now quoted in degrees Centigrade only, but a conversion table from degrees Centigrade to Fahrenheit has been added at the end of Section I.

The Tables are divided into two sections. Section I gives the 1931-60 averages of temperature, and Section II gives 1931-60 averages of bright sunshine, for various places in the United Kingdom not included for one reason or another in H.M.S.O. publications M.O.735 and M.O.743. These publications impose certain restrictions on the material included; this memorandum may be regarded as a supplement to these publications as it contains means excluded from them by the restrictions mentioned above.

M.O.735 gives temperature averages, grouped under two headings, for more than 200 stations in the United Kingdom. Table I, the main table of M.O.735, gives for 187 stations averages referring to the standard period 1931-60, values for missing intervals, in no case totalling more than 7 years, having been computed by reference to nearby stations. Table II gives simple unadjusted arithmetical means for stations with more than 7 years missing data from the specified period.

In this memorandum the additional temperature averages all refer to the period 1931-60, except for Jersey and Guernsey as mentioned below, and are adjusted where necessary in a similar manner to the averages given in Table I of M.O.735, but with the 7 year rule for missing periods relaxed. Many of the averages are not included in that table owing to the shortness of the period of observation. Some of the unadjusted values given in Table II of M.O.735 have now been adjusted or "weighted" to refer to the period 1931-60 by reference to concurrent and overlapping observations of nearby stations.

The position of each station and the height above sea level is given to the nearest metre and to the nearest foot; for Temperature, in Section I, this height is that of the rain-gauge usually in the instrument enclosure where the thermometer screen is also housed; for Sunshine, in Section II, the first figure gives the height of the recorder site (ground level) above MSL and the second figure gives the height of the sunshine recorder itself above the ground.

The times of setting the maximum and minimum thermometers are also given; "9-9hr" means the thermometers are read and re-set at 09 GMT daily; "Max Day", "Min Night" indicates that they are read and re-set during the evening, usually at 21hr GMT as well as at 09hr GMT, that is, twice during the 24 hours.

Some averages previously based on maximum and minimum thermometers read at 09hr GMT only, have been adjusted to be appropriate to "Max Day",

/"Night Min"

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"Night Min" readings to bring them into line with changed practices at certain stations. The reverse adjustment has sometimes been necessary. Again, a change of site may account for differences in the averages now published and those previously given.

Certain stations merit special mention. In M.O.735 the temperature averages for Kew and Eskdalemuir refer to maximum and minimum temperatures from midnight to midnight whereas the averages given in the following tables refer to "Max Day", "Min Night" temperature, that is to thermometers read and reset at 09hr and 21hr GMT. For Jersey and Guernsey the values given are simple 24 and 21 year temperature averages respectively, as observations from these stations are not available for the years during and immediately after World War II. It was thought that weighting by comparison with distant stations would not be justified although the averages from these stations would be useful for many purposes.

The length of the overlapping record used for "weighting" is important when considering the value and accuracy of the "weighted" average. An estimated average based on only two or three years' overlap with a nearby station is not regarded as satisfactory. At least five years of record is regarded as essential, and at least 10 years' record desirable before a satisfactory 30 year average can be estimated: even so, averages based on less than 15 years' record should be considered provisional, and such averages, or data depending on them, are not normally used in the Monthly Weather Report. Averages given in Section I which are based on an overlap period of less than 15 years, are marked with an asterisk (*); although they are useful for some purposes they must be regarded as provisional averages only.

M.O.743 gives averages of bright sunshine for nearly 200 stations in the United Kingdom, also set out in two tables. Averages in Table I of M.O.743 refer exclusively to the standard period 1931-60, values for missing periods in no case exceeding five years, being computed in a similar manner to temperature averages by reference to nearby stations with good long-period records. Table II gives unadjusted averages for a few stations with more than five years' record missing from the standard period.

Sunshine averages given in Section II of this memorandum refer to the mean number of hours of sunshine during the month and the daily mean sunshine each month all adjusted to the standard period 1931-60 by references to nearby long-period stations with overlapping records. If an overlapping period is less tha 15 years the station is marked, as in Section I, with an asterisk (*) both in the index and in the body of the table, and tne average must be regarded as provisional. The values following the position of the recorders in degrees longitude and latitude at the various stations, give the height of the recorder above mean sea level in two stages, first the height of the ground on which the support of the recorder stands, be it a pillar or a building, above mean sea level, and secondly the height of the recorder itself above the ground; both are given in metres and feet.

The stations in the tables below are arranged in the same order as they would appear in the Monthly Weather Report, that is they are classified under the same district headings used in the MWR and in the same order under these headings. In the index to each section, however, the stations are arranged in alphabetical order as in M.O.735 and M.O.743.

/Section I

SECTION I

1931-60 Temperature Averages

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/Manchester Airport

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DISTRICT O NORTHERN SCOTLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
KIRKWALL		58°57'N., 02°54'W. 26m (84ft) Max Day, Min Night												
	Max	5.5	5.7	7.0	9.0	11.3	13.6	15.4	15.2	14.0	11.1	8.5	6.7	10.2
	Min	2.2	1.9	2.6	3.6	5.8	8.0	10.2	10.1	9.0	6.8	5.0	3.5	5.7
	Mean	3.8	3.8	4.8	6.3	8.6	10.8	12.8	12.6	11.5	8.9	4.7	5.1	7.9
CAPE WRATH		58°37'N., 05°00'W. 112m (367ft) Max Day, Min Night												
	Max	6.3	5.9	7.2	8.2	10.6	12.7	14.1	14.4	13.3	11.1	8.7	7.2	10.0
	Min	2.9	2.7	3.5	4.4	6.6	8.6	10.3	10.9	9.9	7.7	5.7	4.2	6.4
	Mean	4.6	4.3	5.3	6.3	8.6	10.6	12.2	12.7	11.6	9.4	7.2	5.7	8.2
STRATHY		58°31'N., 04°01'W. 37m (120ft) 9-9hr.												
	Max	5.6	6.1	8.4	10.3	13.4	15.6	16.8	16.7	15.1	12.2	8.8	6.8	11.3
	Min	-0.1	-0.3	0.9	2.7	4.9	7.5	9.6	9.2	7.7	5.1	2.7	1.2	4.3
	Mean	2.7	2.9	4.7	6.5	9.2	11.6	13.2	12.9	11.4	8.6	5.8	4.0	7.8
KINLOCHEWE *		57°37'N., 05°18'W. 23m (76ft) 9-9hr.												
	Max	6.6	6.8	9.1	11.4	15.3	17.4	18.0	18.3	16.0	12.7	9.4	7.5	12.4
	Min	0.3	0.6	2.3	3.2	6.0	8.3	10.7	10.2	8.6	6.1	3.1	1.8	5.1
	Mean	3.4	3.7	5.7	7.3	10.6	12.8	14.3	14.3	12.3	9.4	6.3	4.6	8.7
TARBATNESS *		57°52'N., 03°46'W. 18m (60ft) Max Day, Min Night												
	Max	5.2	5.7	7.4	9.9	11.8	14.9	16.2	16.3	14.6	11.6	8.4	6.3	10.7
	Min	1.6	1.7	2.6	4.2	6.6	9.2	11.1	11.2	9.5	7.0	4.3	2.6	5.9
	Mean	3.4	3.7	5.0	7.1	9.2	12.1	13.7	13.7	12.1	9.3	6.3	4.4	8.3
GLENMORE LODGE *		57°10'N., 03°40'W. 341m (1120ft) 9-9hr.												
	Max	4.2	4.7	7.3	9.7	12.7	16.1	17.0	16.5	14.6	11.1	7.3	5.4	10.6
	Min	-2.9	-2.7	-0.8	1.1	8.1	6.3	8.2	8.1	6.1	4.0	0.4	-0.9	2.5
	Mean	0.7	1.1	3.2	5.4	7.9	11.2	12.6	12.3	10.3	7.5	3.8	2.2	6.5

DISTRICT 1 EASTERN SCOTLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
FORRES		57°37'N., 03°36'W. 47m (155ft) 9-9hr.												
	Max	5.8	6.6	9.2	11.6	14.6	17.3	18.8	18.3	16.3	12.6	8.9	6.9	12.2
	Min	-0.1	0.1	1.4	3.0	5.4	8.3	10.2	10.1	8.3	5.6	2.7	1.2	4.7
	Mean	2.9	3.3	5.3	7.3	10.0	12.8	14.5	14.2	12.3	9.1	5.8	4.1	8.5
KINLOSS *		57°39'N., 03°34'W. 5m (15ft) Max Day, Min Night												
	Max	5.7	6.4	8.7	11.1	13.8	16.7	18.1	17.9	16.1	12.6	9.0	6.7	11.9
	Min	0.5	0.6	1.5	3.0	5.5	8.3	10.3	10.1	8.4	5.8	2.9	1.6	4.9
	Mean	3.1	3.5	5.1	7.1	9.7	12.5	14.2	13.9	12.3	9.2	5.9	4.2	8.4
ELGIN CEMETERY *		57°38'N., 03°18'W. 28m (92ft) 9-9hr.												
	Max	6.1	6.8	8.8	11.3	14.2	16.9	19.2	18.1	15.9	12.5	9.1	7.1	12.2
	Min	0.7	0.9	2.1	3.8	6.2	9.0	11.1	10.9	9.3	6.2	3.5	1.8	5.4
	Mean	3.4	3.8	5.4	7.5	10.2	12.9	15.1	14.5	12.6	9.4	6.3	4.4	8.8
LOSSIEMOUTH		57°43'N., 03°20'W. 6m (21ft) Max Day, Min Night												
	Max	5.7	6.3	8.6	10.8	13.5	16.4	17.9	17.6	15.7	12.6	9.0	6.8	11.7
	Min	0.1	0.1	1.7	3.3	5.7	8.6	10.6	10.2	8.3	5.7	2.6	1.3	4.8
	Mean	2.8	3.2	5.2	7.1	9.6	12.5	14.3	13.9	12.1	9.1	5.8	4.1	8.3
GLENLIVET *		57°17'N., 03°17'W. 331m (1085ft) 9-9hr.												
	Max	3.7	3.9	6.9	9.7	13.2	16.3	17.4	17.0	14.5	10.7	6.9	4.7	10.4
	Min	-3.1	-2.9	-1.6	0.5	2.9	5.7	7.9	7.4	5.6	3.1	0.1	-1.3	2.1
	Mean	0.3	0.5	2.7	5.1	8.1	10.9	12.6	12.2	10.1	6.9	3.5	1.7	6.2
MANNOFIELD *		57°08'N., 02°08'W. 52m (170ft) 9-9hr.												
	Max	5.4	5.9	7.9	10.8	12.7	15.8	17.7	17.3	15.3	11.9	8.6	6.6	11.3
	Min	-0.2	-0.1	1.7	3.3	5.6	8.4	10.5	10.2	8.3	5.8	2.8	1.3	4.8
	Mean	2.6	2.9	4.8	7.0	9.2	12.1	14.1	13.7	11.8	8.9	5.7	3.9	8.1
RATTRAY HEAD		57°37'N., 01°50'W. 26m (85ft) Max Day, Min Night												
	Max	5.2	5.7	7.1	9.2	11.3	13.8	16.0	16.1	14.6	11.4	8.4	6.4	10.4
	Min	1.1	1.4	2.3	3.8	6.1	8.6	10.7	10.5	9.1	6.6	4.5	2.8	5.6
	Mean	3.1	3.6	4.7	6.5	8.7	11.2	13.3	13.3	11.8	9.0	6.5	4.6	8.0
FETTERCAIRN		56°54'N., 02°32'W. 171m (560ft) 9-9hr.												
	Max	4.5	5.1	6.9	10.0	12.8	15.9	17.7	17.3	15.1	11.3	7.9	5.9	10.9
	Min	-1.1	-0.7	0.5	2.2	4.6	7.4	9.3	9.0	7.3	4.8	2.2	0.5	3.8
	Mean	1.7	2.2	3.7	6.1	8.7	11.7	13.5	13.2	11.2	8.1	5.1	3.2	7.3
MUCHALLS *		57°01'N., 02°10'W. 64m (210ft) 9-9hr.												
	Max	5.2	5.6	7.4	9.9	12.2	15.3	17.2	17.1	15.0	11.8	8.6	6.5	10.9
	Min	0.2	0.5	1.8	3.1	5.3	8.0	10.3	10.1	8.5	6.0	3.5	1.6	4.9
	Mean	2.7	3.1	4.6	6.5	8.7	11.6	13.7	13.6	11.7	8.9	6.1	4.1	7.9

/STONEHAVEN

DISTRICT 1 EASTERN SCOTLAND (cont.)

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
STONEHAVEN		56°58'N., 02°12'W. 4m (12ft) 9-9hr.												
	Max	6.4	7.0	8.7	11.3	13.1	16.2	18.2	17.9	16.3	13.1	9.6	7.5	12.1
	Min	0.1	0.4	1.6	2.8	5.2	8.1	10.3	9.8	8.1	6.2	2.9	1.3	4.7
	Mean	3.2	3.7	5.2	7.1	9.1	12.1	14.2	13.9	12.2	9.6	6.3	4.4	8.4
CUPAR		56°19'N., 03°01'W. 64m (210ft) 9-9hr.												
	Max	5.6	6.4	8.6	11.5	14.2	17.5	19.2	18.6	16.3	12.5	8.8	6.6	12.2
	Min	-0.3	0.0	1.7	3.4	5.7	8.7	10.8	10.4	8.5	5.7	2.5	1.0	4.8
	Mean	2.6	3.2	5.1	7.5	10.0	13.1	15.0	14.5	12.4	9.1	5.6	3.8	8.5
TURNHOUSE		55°57'N., 03°21'W. 35m (114ft) Max day, Min Night												
	Max	5.4	6.5	8.7	11.6	14.3	17.2	18.9	18.4	16.3	12.6	9.1	6.6	12.2
	Min	0.1	0.3	1.7	3.1	5.7	8.6	10.7	10.2	8.4	5.9	2.9	1.7	4.9
	Mean	2.8	3.4	5.2	7.3	9.9	12.9	14.8	14.3	12.3	9.3	6.0	4.2	8.6
EDINBURGH (DAVIDSON'S MAINS) *		55°58'N., 03°17'W. 61m (200ft) 9-9hr.												
	Max	5.5	6.3	8.6	11.5	14.3	17.3	19.0	18.4	16.3	12.4	8.8	6.7	12.1
	Min	0.2	0.5	2.0	3.6	6.1	9.2	10.9	10.6	8.9	6.2	3.1	1.8	5.3
	Mean	2.8	3.4	5.3	7.6	10.2	13.2	14.9	14.5	12.6	9.3	5.9	4.3	8.7
PENICUIK		55°50'N., 03°13'W. 189m (620ft) 9-9hr.												
	Max	4.8	5.6	8.1	11.0	14.2	17.2	18.8	18.2	15.9	12.1	8.3	6.1	11.7
	Min	-0.8	-0.5	0.8	2.5	4.9	7.9	10.1	9.7	7.9	5.2	2.2	0.6	4.2
	Mean	2.0	2.5	4.4	6.7	9.6	12.6	14.4	13.9	11.9	8.6	5.2	3.4	7.9
EDINBURGH (BOTANIC GARDENS)		55°58'N., 03°12'W. 23m (74ft) 9-9hr.												
	Max	6.1	7.0	9.0	11.8	14.5	17.6	19.2	18.7	16.7	13.0	9.4	7.2	12.5
	Min	-0.1	0.6	1.8	3.7	6.1	9.1	11.1	10.8	8.9	6.1	2.8	1.5	5.2
	Mean	3.0	3.8	5.4	7.7	10.3	13.4	15.2	14.7	12.8	9.6	6.1	4.3	8.9
EDINBURGH (LIBERTON)		55°55'N., 03°10'W. 58m (190ft) 9-9hr.												
	Max	5.8	6.6	8.8	11.7	14.5	17.7	19.3	18.7	16.6	12.9	9.2	7.1	12.4
	Min	0.4	0.8	1.9	3.6	5.8	8.8	10.8	10.4	8.7	5.8	3.2	1.8	5.2
	Mean	3.2	3.7	5.3	7.6	10.1	13.3	15.1	14.6	12.7	9.3	6.2	4.4	8.8
DUNBAR		56°00'N., 02°31'W. 23m (75ft) 9-9hr.												
	Max	6.3	6.7	8.6	10.8	13.0	16.3	18.1	17.8	16.1	12.8	9.4	7.5	11.9
	Min	0.9	1.3	2.4	4.1	6.2	9.0	11.0	10.7	9.2	6.8	4.0	2.4	5.7
	Mean	3.6	4.0	5.5	7.4	9.6	12.7	14.6	14.3	12.6	9.8	6.7	4.9	8.8
SOURHOPE *		55°29'N., 02°15'W. 274m (900ft) 9-9hr.												
	Max	4.6	4.8	7.3	10.1	13.7	17.1	18.6	17.8	15.3	11.7	7.7	5.8	11.2
	Min	-1.2	-0.7	0.5	2.4	4.1	7.1	9.1	9.3	7.7	5.0	2.2	0.3	3.8
	Mean	1.7	2.1	3.9	6.3	8.9	12.1	13.8	13.6	11.5	8.3	4.9	3.1	7.5

DISTRICT 6 WESTERN SCOTLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
COLONSAY		56°05'N., 06°11'W. 27m (87ft) 9-9hr.												
	Max	7.1	7.3	9.1	11.0	14.1	15.9	16.9	17.2	15.6	12.8	10.1	8.3	12.1
	Min	2.1	1.9	3.1	4.4	6.4	9.1	10.8	11.0	9.7	7.5	4.9	3.4	6.2
	Mean	4.6	4.6	6.1	7.7	10.3	12.5	13.8	14.1	12.7	10.2	7.5	5.9	9.2
LEPHINMORE *		56°05'N., 05°15'W. 9m (30ft) 9-9hr.												
	Max	6.6	7.2	9.1	11.6	15.4	17.6	18.3	18.0	16.1	12.5	9.5	7.8	12.4
	Min	1.2	1.3	2.7	3.9	6.0	9.1	10.9	10.8	9.0	6.8	3.9	2.7	5.7
	Mean	3.8	4.3	5.9	7.7	10.7	13.3	14.6	14.4	12.6	9.7	6.7	5.3	9.1
OBAN		56°25'N., 05°30'W. 70m (229ft) 9-9hr.												
	Max	6.2	6.7	8.7	10.9	14.3	16.3	17.1	17.3	15.4	12.1	9.3	7.4	11.8
	Min	1.5	1.4	2.8	4.3	6.6	9.2	10.7	10.8	9.4	6.9	4.4	2.8	5.9
	Mean	3.8	4.1	5.7	7.6	10.4	12.7	13.9	14.1	12.4	9.5	6.8	5.1	8.8
BENMORE (FORESTRY SCHOOL)		56°02'N., 04°59'W. 14m (46ft) 9-9hr.												
	Max	6.6	7.2	9.3	11.8	15.4	17.8	18.7	18.3	16.2	12.8	9.6	7.9	12.7
	Min	0.2	1.0	1.7	3.3	5.3	8.1	10.2	9.9	8.1	5.9	2.9	1.6	4.8
	Mean	3.4	4.1	5.5	7.6	10.3	12.9	14.4	14.1	12.2	9.4	6.3	4.7	8.7
MILLPORT *		55°45'N., 04°56'W. 5m (16ft) 9-9hr.												
	Max	7.2	7.3	9.2	11.1	14.3	16.7	17.7	17.9	16.1	12.9	10.2	8.3	12.4
	Min	2.4	2.6	3.8	4.9	7.2	9.9	11.7	11.8	10.4	8.3	5.8	3.9	6.9
	Mean	4.8	4.9	6.5	8.1	10.7	13.3	14.7	14.8	13.3	10.6	7.9	6.1	9.7
FALKIRK		56°00'N., 03°48'W. 21m (100ft) 9-9hr.												
	Max	5.8	6.7	9.1	12.2	15.6	18.6	19.8	19.3	16.9	13.0	9.1	7.0	12.8
	Min	-0.3	0.3	1.7	3.6	5.7	8.8	10.9	10.7	8.6	5.8	2.8	1.3	5.0
	Mean	2.8	3.5	5.4	7.9	10.7	13.7	15.4	15.0	12.7	9.4	5.9	4.2	8.9
THORNTON HALL *		55°46'N., 04°14'W. 138m (453ft) 9-9hr.												
	Max	4.9	5.7	7.9	10.5	14.1	16.7	17.7	17.5	15.1	11.8	8.2	6.3	11.4
	Min	-0.3	-0.2	1.2	2.7	4.8	8.0	10.0	9.9	8.1	5.4	2.6	1.1	4.4
	Mean	2.2	2.8	4.6	6.6	9.4	12.4	13.8	13.7	11.6	8.6	5.4	3.7	7.9
COAT BRIDGE *		55°51'N., 04°03'W. 78m (256ft) 9-9hr.												
	Max	5.3	6.4	8.7	11.4	15.1	17.6	18.7	18.4	16.1	12.4	8.5	6.6	12.1
	Min	-0.2	0.3	1.7	3.7	5.6	8.4	10.6	10.4	8.4	5.8	2.7	1.1	4.9
	Mean	2.6	3.4	5.2	7.6	10.3	13.1	14.6	14.4	12.3	9.1	5.6	3.8	8.5
LEADHILLS *		55°25'N., 03°45'W. 387m (1270ft) 9-9hr.												
	Max	4.1	3.4	6.6	9.4	13.3	16.2	16.9	16.6	14.0	10.3	6.7	4.6	10.2
	Min	-1.7	-1.4	-0.1	1.5	3.4	6.6	8.8	8.6	7.0	4.7	1.8	0.3	3.3
	Mean	1.2	1.0	3.3	5.4	8.3	11.4	12.8	12.6	10.5	7.5	4.3	2.4	6.7

/CARNWATH *

DISTRICT 6 WESTERN SCOTLAND (Cont.)

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
CARNWATH *		55°42'N., 03°38'W. 216m (706ft) 9-9hr.												
	Max	4.2	4.9	7.7	10.4	13.9	16.7	17.9	17.4	14.9	11.2	7.7	5.6	11.1
	Min	-1.7	-1.1	0.4	1.9	4.1	7.1	9.1	8.6	7.0	4.5	1.7	0.2	3.5
	Mean	1.3	1.9	4.1	6.2	9.1	11.9	13.5	13.0	10.9	7.8	4.7	2.9	7.3
LARGS		55°48'N., 04°52'W. 8m (25ft) 9-9hr.												
	Max	6.7	7.4	9.4	11.9	15.8	19.2	19.2	19.0	16.8	13.2	10.0	7.9	12.9
	Min	1.5	1.9	3.0	4.5	6.6	9.4	11.3	11.3	9.6	7.2	4.3	3.0	6.1
	Mean	4.1	4.6	6.2	8.2	11.2	13.8	15.2	15.2	13.2	10.2	7.2	5.4	9.5
ESKDALEMIUR		55°19'N., 03°12'W. 242m (794ft) Max Day, Min Night												
	Max	3.8	4.7	7.4	10.4	14.2	16.7	17.8	17.4	14.9	11.2	7.6	5.1	10.9
	Min	-0.9	-0.8	0.2	1.7	4.2	7.2	9.2	8.9	7.2	4.6	2.2	0.8	3.7
	Mean	1.4	1.9	3.8	6.1	9.2	11.9	13.5	13.2	11.1	7.9	4.8	2.9	7.2
CASTLE DOUGLAS *		54°57'N., 03°53'W. 60m (196ft) 9-9hr.												
	Max	5.4	6.1	8.5	11.3	15.0	17.8	18.7	18.4	16.0	12.6	9.1	6.8	12.2
	Min	-0.7	-0.2	0.8	2.3	4.8	7.7	9.8	9.3	7.4	4.4	2.1	0.6	4.1
	Mean	2.4	2.9	4.7	6.8	9.9	12.7	14.3	13.8	11.7	8.5	5.6	3.7	8.1

DISTRICT 2, NE ENGLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
DISHFORTH		54°08'N., 01°25'W. 33m (106ft) Max Day, Min Night												
	Max	5.5	6.5	9.3	12.5	15.8	18.9	20.5	20.1	17.7	13.5	9.1	6.7	13.1
	Min	0.5	0.9	1.9	3.9	6.3	9.5	11.7	11.1	9.2	6.3	3.9	2.1	5.6
	Mean	3.0	3.7	5.6	8.2	11.1	14.2	16.1	15.6	13.5	9.9	6.5	4.4	9.3

DISTRICT 3, EASTERN ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
WEST RAYNHAM *	52°47'N., 00°44'E. 76m (250ft) Max Day, Min Night												
Max	4.9	5.8	9.0	12.0	15.3	18.5	20.5	20.4	17.8	13.7	8.9	6.1	12.7
Min	0.7	0.5	1.8	4.1	6.6	9.6	11.7	11.5	9.9	6.8	4.1	2.2	5.8
Mean	2.8	3.2	5.4	8.1	10.9	14.1	16.1	15.9	13.8	10.2	6.5	4.2	9.3
CAMBRIDGE (NIAB) *	52°13'N., 00°06'E. 26m (85ft) 9-9hr.												
Max	6.3	7.1	10.2	13.5	16.8	20.0	21.7	21.5	18.8	14.3	9.7	7.2	13.9
Min	0.9	0.7	1.9	4.0	6.6	9.9	11.9	11.8	9.7	7.0	4.3	2.4	5.9
Mean	3.6	3.8	6.1	8.7	11.7	14.9	16.8	16.6	14.3	10.6	7.1	4.8	9.9
CARDINGTON *	52°07'N., 00°25'W. 26m (85ft) Max Day, Min Night												
Max	5.9	6.8	10.4	13.6	16.8	20.1	21.8	21.7	18.9	14.4	9.8	6.6	13.9
Min	0.7	0.1	1.4	3.4	5.8	9.2	11.2	10.7	8.8	5.8	3.3	2.5	5.2
Mean	3.3	3.4	5.9	8.5	11.3	14.6	16.5	16.2	13.9	10.1	6.6	4.5	9.6
STANSTED *	51°53'N., 00°13'E. 101m (330ft) 9-9hr.												
Max	5.3	6.1	9.6	12.6	15.9	19.1	20.9	20.7	17.9	13.5	9.2	6.6	13.1
Min	0.5	0.4	1.5	3.6	6.5	9.4	11.4	11.4	9.8	7.0	3.6	1.8	5.6
Mean	2.9	3.3	5.5	8.1	11.2	14.3	16.2	16.1	13.9	10.3	6.4	4.2	9.3

DISTRICT 4 MIDLAND COUNTIES

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
WATNALL *		53°01'N., 00°15'W. 112m (366ft) Max Day, Min Night												
	Max	5.3	6.1	9.3	12.4	15.8	19.2	20.7	20.4	17.7	13.3	8.8	5.7	12.9
	Min	1.1	0.9	1.8	3.9	6.4	9.4	11.6	11.2	9.4	6.3	4.2	2.4	5.7
	Mean	3.2	3.5	5.6	8.2	11.1	14.3	16.1	15.8	13.6	9.8	6.5	4.1	9.3
FINNINGLEY		53°29'N., 01°00'W. 10m (32ft) Max Day, Min Night												
	Max	5.7	6.4	9.8	13.0	16.5	19.8	21.3	21.1	18.3	13.9	9.3	6.9	13.5
	Min	0.9	0.9	1.9	4.1	6.4	9.7	11.8	11.4	9.6	6.4	4.1	2.3	5.8
	Mean	3.3	3.7	5.8	8.5	11.5	14.7	16.6	16.5	13.9	10.2	6.7	4.6	9.7
RAUNDS		52°20'N., 00°31'W. 59m (193ft) 9-9hr.												
	Max	4.5	5.3	8.3	11.9	14.8	18.4	20.1	19.8	17.7	13.1	8.1	5.4	12.3
	Min	1.6	1.3	2,5	4.8	7.6	10.6	12.6	12.3	11.1	7.2	4.6	3.2	6.6
	Mean	3.1	3.3	5.4	8.3	11.2	14.5	16.3	16.1	14.4	10.1	6.3	4.3	9.4
WITTERING *		52°37'N., 00°27'W. 66m (216ft) Max Day, Min Night												
	Max	5.4	6.1	9.5	12.8	16.1	19.4	21.3	21.1	18.3	13.7	9.1	6.4	13.3
	Min	1.2	1.1	2.0	4.0	6.3	9.6	11.7	11.6	9.7	6.5	4.2	2.6	5.9
	Mean	3.3	3.6	5.7	8.4	11.2	14.5	16.5	15.8	14.0	10.1	6.6	4.5	9.6
ELMDON *		52°27'N., 01°45'W. 99m (324ft) Max Day, Min Night												
	Max	5.6	6.3	9.4	12.5	15.7	19.1	20.7	20.4	17.6	13.3	9.1	6.6	13.1
	Min	0.9	0.7	1.7	3.4	5.9	9.2	11.4	11.1	9.1	6.0	3.8	2.2	5.4
	Mean	3.2	3.5	5.6	7.9	10.8	14.1	16.1	15.8	13.4	9.7	6.4	4.4	9.2
AYLESBURY		51°47'N 00°47'W. 96m (316ft) 9-9hr.												
	Max	6.2	6.7	10.0	13.0	16.3	19.6	21.2	21.1	18.3	13.9	9.6	7.2	13.6
	Min	0.2	0.3	1.3	3.4	6.3	9.6	11.7	11.8	9.6	6.2	3.3	1.6	5.4
	Mean	3.2	3.5	5.7	8.2	11.3	14.6	16.5	16.5	13.9	10.1	6.5	4.4	9.5
SHAWBURY		52°48'N., 02°41'W. 72m (235ft) Max Day, Min Night												
	Max	6.1	6.9	9.8	12.8	16.2	19.3	20.7	20.4	17.9	13.7	9.4	7.0	13.3
	Min	0.6	0.7	1.7	3.6	6.1	9.3	11.4	10.9	9.1	5.8	3.8	1.9	5.4
	Mean	3.3	3.8	5.7	8.2	11.2	14.3	16.1	15.7	13.5	9.7	6.6	4.5	9.4
LYONSHALL		52°13'N., 02°58'W. 155m (510ft) 9-9hr.												
	Max	5.9	6.6	9.4	12.5	15.8	19.1	20.3	20.1	17.4	13.1	9.1	6.9	13.0
	Min	0.6	0.7	1.9	3.9	6.3	9.3	11.2	10.8	8.9	6.0	3.6	1.6	5.4
	Mean	3.3	3.6	5.6	8.2	11.1	14.2	15.7	15.4	13.2	9.6	6.3	4.3	9.2
FILTON		51°31'N., 02°35'W. 59m (192ft) Max Day, Min Night												
	Max	6.6	7.2	10.2	13.2	16.4	19.5	20.8	20.8	18.2	14.3	9.9	7.7	13.7
	Min	1.8	1.6	2.8	4.5	7.1	10.3	12.3	12.2	10.4	7.1	4.9	3.1	6.5
	Mean	4.2	4.4	6.5	8.8	11.7	14.9	16.6	16.5	14.3	10.7	7.4	5.4	10.1

DISTRICT 5 SOUTH EAST ENGLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
KEW		51°28'N., 00°19'W. 5m (18ft) Max Day, Min Night												
	Max	6.3	6.9	10.1	13.3	16.7	20.3	21.8	21.4	18.5	14.2	10.1	7.3	13.9
	Min	2.2	2.2	3.3	5.5	8.2	11.6	13.5	13.2	11.3	7.9	5.3	3.5	7.3
	Mean	4.3	4.6	6.7	9.4	12.5	15.9	17.6	17.3	14.9	11.1	7.7	5.4	10.6
GATWICK *		51°09'N., 00°11'W. 59m (192ft) Max Day, Min Night												
	Max	6.2	7.1	10.6	13.6	17.3	20.6	22.3	22.0	19.3	14.5	10.2	7.1	14.2
	Min	0.7	0.6	1.4	3.6	6.2	9.1	11.4	11.1	8.9	6.1	3.7	1.8	5.4
	Mean	3.4	3.8	6.1	8.6	11.7	14.8	16.8	16.5	14.1	10.3	6.9	4.4	9.8
WISLEY		51°17'N., 02°26'W. 35m (150ft) 9-9hr.												
	Max	6.7	7.3	10.6	13.7	17.3	20.4	21.8	21.6	18.8	14.3	10.0	7.5	14.2
	Min	0.7	0.8	2.0	4.0	6.6	9.9	11.9	11.6	9.7	6.3	3.6	1.8	5.7
	Mean	3.7	4.1	6.3	8.9	11.9	15.1	16.9	16.6	14.3	10.3	6.8	4.7	9.9
THORNEY ISLAND *		50°49'N., 00°56'W. 3m (10ft) Max Day, Min Night												
	Max	7.1	7.6	10.3	13.3	16.6	19.7	21.6	21.2	19.1	15.2	10.8	8.2	14.2
	Min	2.1	1.7	2.7	4.7	7.5	10.7	12.7	12.8	10.9	7.8	5.2	3.3	6.8
	Mean	4.6	4.6	6.5	8.9	12.1	15.2	17.1	16.9	15.0	11.5	8.0	5.7	10.5
ABINGDON		51°41'N., 01°19'W. 64m (210ft) Max Day, Min Night												
	Max	6.4	7.3	10.6	13.7	17.0	20.2	21.8	21.3	18.9	14.6	9.9	7.4	14.2
	Min	1.1	1.1	1.9	3.8	6.4	9.7	11.7	11.3	9.5	6.2	3.9	2.3	5.8
	Mean	3.7	4.2	6.3	8.8	11.7	14.9	17.0	16.6	14.2	10.4	6.9	4.8	9.9
SOUTH FARNBOROUGH		51°17'N., 00°45'W. 69m (226ft) 9-9hr.												
	Max	6.7	7.4	10.5	13.7	17.1	20.5	22.0	21.9	19.0	14.7	10.2	7.6	14.3
	Min	0.7	0.5	1.8	3.9	6.6	9.9	11.9	11.5	9.4	6.2	3.6	1.7	5.6
	Mean	3.7	3.9	6.1	8.8	11.9	15.2	16.9	16.7	14.2	10.5	6.9	4.7	9.9
VENTNOR PARK		50°36'N., 01°13'W. 59m (196ft) 9-9hr.												
	Max	7.6	7.6	9.7	12.4	15.5	17.9	19.5	20.1	18.4	15.1	11.3	8.8	13.7
	Min	2.9	2.5	3.9	5.7	8.4	11.4	13.3	13.7	12.3	9.4	6.3	4.3	7.8
	Mean	5.3	5.1	6.8	9.1	11.9	14.9	16.4	16.9	15.3	12.3	8.8	6.5	10.7
LYNEHAM *		51°31'N., 01°59'W. 139m (455ft) Max Day, Min Night												
	Max	5.8	6.4	9.4	12.6	15.9	19.1	20.6	20.4	17.7	13.6	9.2	6.6	13.2
	Min	1.1	1.1	1.9	3.9	6.6	9.7	11.7	11.4	9.6	6.8	4.0	2.3	5.8
	Mean	3.4	3.7	5.7	8.3	11.3	14.4	16.2	15.9	13.7	10.2	6.6	4.4	9.5

DISTRICT 7 NORTH WEST ENGLAND

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
SQUIRES GATE		53°46'N., 03°02'W. 10m (32ft) Max Day, Min Night												
	Max	6.0	6.7	9.3	11.7	15.2	17.7	19.0	19.2	17.4	13.6	9.7	7.2	12.7
	Min	1.5	1.5	2.4	4.3	6.7	10.2	12.5	12.2	10.5	7.4	5.0	3.1	6.4
	Mean	3.7	4.1	5.8	8.0	10.9	13.9	15.7	15.7	13.9	10.5	7.4	5.2	9.6
SPEKE *		53°20'N., 02°53'W. 23m (77ft) Max Day, Min Night												
	Max	6.2	6.9	9.6	12.3	16.4	18.6	19.9	19.8	17.4	13.6	9.6	7.3	13.1
	Min	2.1	2.1	3.2	5.3	7.8	10.9	12.9	12.9	11.0	7.8	5.3	3.5	7.1
	Mean	4.2	4.3	6.4	8.8	12.1	14.7	16.4	16.4	14.2	10.7	7.5	5.4	10.1
PRESTON		53°46'N, 02°42'W. 33m (108ft) 9-9hr.												
	Max	6.3	6.7	9.3	12.0	15.6	18.2	19.7	19.3	17.0	13.1	9.6	7.5	12.8
	Min	0.9	1.1	2.5	4.2	7.1	10.1	12.1	11.9	9.9	6.9	4.2	2.4	6.1
	Mean	3.6	3.9	5.9	8.1	11.3	14.1	15.9	15.6	13.5	10.0	6.9	4.9	9.5
ROCHDALE		53°38'N., 02°10'W. 110m (362ft) 9-9hr.												
	Max	5.6	6.1	8.8	11.7	15.2	18.2	19.5	19.1	16.6	12.7	8.9	6.8	12.4
	Min	0.1	0.4	1.6	3.5	6.1	9.1	11.1	10.7	8.7	5.8	3.1	1.3	5.1
	Mean	2.8	3.3	5.2	7.6	10.6	13.6	15.3	14.8	12.7	9.2	6.0	4.1	8.7
RINGWAY (MANCHESTER AIRPORT)		53°21'N., 02°16'W. 70m (230ft) Max Day, Min Night												
	Max	5.7	6.5	9.6	12.4	15.9	18.9	20.1	19.9	17.3	13.3	9.2	6.7	13.0
	Min	1.1	1.0	2.2	3.9	6.4	9.6	11.6	11.4	9.7	6.6	4.1	2.3	5.8
	Mean	3.4	3.7	5.8	8.1	11.1	14.3	15.9	15.7	13.5	9.9	6.7	4.5	9.4

DISTRICT 8 SOUTH WALES

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
ABERPORTH	52°08'N., 04°34'W. 15m (376ft) Max Day, Min Night												
Max	6.9	7.0	9.3	11.2	13.7	16.4	17.7	18.1	16.6	13.2	10.1	7.8	12.3
Min	3.3	2.7	4.2	5.2	7.5	10.3	11.9	12.2	11.5	8.4	6.1	4.4	7.3
Mean	5.1	4.8	6.7	8.2	10.6	13.4	14.8	15.1	14.1	10.8	8.1	6.2	9.8
ABERYSTWYTH (HEALTH RESORT STATION)	52°25'N., 04°04'W. 4m (12ft) 9-9hr.												
Max	7.4	7.3	9.5	11.5	14.8	17.2	18.4	18.8	17.2	13.9	10.7	8.7	12.9
Min	2.8	2.5	3.2	5.7	8.1	11.2	12.9	13.2	11.4	8.5	5.8	4.1	7.4
Mean	5.1	4.9	6.3	8.6	11.4	14.2	15.6	15.9	14.3	11.2	8.3	6.4	10.2
TRAWSCOED	52°20'N., 03°57'W. 61m (200ft) 9-9hr.												
Max	8.4	8.2	10.2	12.5	15.8	18.2	19.2	19.5	17.3	14.2	10.4	8.8	13.6
Min	1.0	0.7	2.4	3.8	6.1	9.0	11.3	11.1	9.6	6.4	3.9	2.4	5.6
Mean	4.7	4.5	6.5	8.1	10.9	13.6	15.3	15.3	13.5	10.3	7.1	5.6	9.6
LLANDRINDOD WELLS	52°14'N., 03°22'W. 235m (772ft) 9-9hr.												
Max	5.7	6.4	9.4	12.6	15.7	18.5	19.6	19.6	16.7	13.1	9.0	6.8	12.8
Min	-0.2	-0.1	1.3	3.1	5.5	8.4	10.3	10.3	8.3	5.5	3.0	1.2	4.7
Mean	2.8	3.1	5.3	7.8	10.6	13.5	14.9	14.9	12.5	9.3	6.0	4.1	8.7

DISTRICT 8 SOUTH WEST ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
WESTON-SUPER-MARE 51°21'N., 02°59'W. 9m (28ft) 9-9hr.													
Max	7.4	7.7	10.4	13.1	16.1	19.2	20.6	20.5	18.6	14.8	10.7	8.4	13.9
Min	2.2	2.1	3.3	5.6	8.1	11.4	13.3	13.2	11.3	8.3	5.5	3.6	7.3
Mean	4.8	4.9	6.8	9.3	12.1	15.3	16.9	16.9	14.9	11.5	8.1	6.1	10.6
SWANAGE * 50°37'N., 01°57'W. 4m (14ft) 9-9hr.													
Max	8.1	8.1	9.6	12.3	15.2	18.7	19.9	20.3	18.4	14.9	11.4	9.3	13.8
Min	2.9	2.7	3.8	5.6	7.9	11.1	12.9	13.0	11.6	8.9	5.8	3.9	7.5
Mean	5.5	5.4	6.7	8.9	11.6	14.8	16.4	16.7	15.0	11.9	8.6	6.6	10.7
PLYMOUTH HOE 50°22'N., 04°08'W. 36m (117ft) 9-9hr.													
Max	8.5	8.4	10.6	13.0	15.6	18.4	19.5	19.8	18.1	14.9	11.5	9.4	14.0
Min	3.5	3.2	4.6	6.3	8.7	11.6	13.2	13.3	11.8	9.0	6.2	4.5	8.0
Mean	6.0	5.8	7.6	9.7	12.2	15.0	16.3	16.6	14.9	11.9	8.8	6.9	11.0
CHIVENOR * 51°05'N., 04°09'W. 6m (20ft) Max Day, Min Night													
Max	8.7	8.9	11.3	13.5	16.3	18.9	20.1	20.3	18.6	15.2	11.7	9.3	14.4
Min	3.8	3.3	4.2	5.8	8.0	11.2	12.9	12.9	11.5	8.9	6.5	4.9	7.8
Mean	6.2	6.1	7.7	9.6	12.2	15.1	16.5	16.6	15.1	12.1	9.1	7.1	11.1
THE LIZARD 49°57'N., 05°12'W. 73m (240ft) Max Day, Min Night													
Max	8.7	8.3	9.8	11.7	14.0	16.7	18.3	18.7	17.1	14.5	11.5	9.6	13.3
Min	5.4	4.6	5.6	6.8	8.8	11.4	12.9	13.4	12.3	10.1	7.8	6.4	8.8
Mean	7.1	6.5	7.7	9.3	11.4	14.1	15.6	16.1	14.7	12.3	9.7	8.0	11.1

DISTRICT 9 NORTHERN IRELAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
BALLYKELLY *	55°04'N., 07°01'W. 3m (10ft) Max Day, Min Night												
Max	6.7	7.6	9.7	11.9	14.8	17.4	17.9	18.2	16.3	13.0	9.6	7.7	12.6
Min	2.2	2.1	3.3	4.4	6.6	9.8	11.2	11.1	9.6	7.4	4.6	3.5	6.3
Mean	4.4	4.8	6.5	8.2	10.7	13.6	14.6	14.7	12.9	10.2	7.1	5.6	9.4
MONEYDIG	54°59'N., 06°36'W. 37m (121ft) Max Day, Min Night												
Max	5.9	7.1	9.6	12.2	15.1	17.5	18.3	18.4	16.3	12.7	9.2	7.0	12.4
Min	1.4	1.3	2.4	3.6	5.7	8.8	10.6	10.3	8.7	6.3	3.9	2.7	5.5
Mean	3.7	4.2	6.0	7.9	10.4	13.1	14.5	14.3	12.5	9.5	6.5	4.9	9.0
STORMONT CASTLE *	54°35'N., 05°48'W. 61m (200ft) 9-9hr.												
Max	7.2	7.7	9.2	10.8	14.9	17.4	18.8	18.7	16.0	13.1	9.8	7.9	12.6
Min	2.1	1.7	2.9	4.4	6.6	9.4	10.9	11.1	9.5	6.9	4.2	3.1	6.1
Mean	4.8	4.7	6.1	7.6	10.7	13.4	14.9	14.9	12.8	10.0	6.9	5.5	9.3
CASTLE ARCHDALE FOREST *	54°28'N., 07°42'W. 66m (215ft) 9-9hr.												
Max	6.6	7.1	9.4	11.4	14.8	16.9	17.9	17.9	16.2	12.8	9.5	7.5	12.3
Min	1.5	1.8	2.9	4.6	6.7	9.6	11.3	11.1	9.6	6.8	4.1	2.7	6.1
Mean	4.1	4.5	6.1	8.0	10.7	13.3	14.6	14.5	12.9	9.8	6.8	5.1	9.2

GUERNSEY (21yrs) and JERSEY (24yrs)

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
GUERNSEY		49°26'N., 02°36'W. 104m (304ft) 21-9hr.												
	Max	8.5	8.1	9.8	11.6	14.6	17.6	18.9	19.2	17.8	14.7	11.3	9.3	13.4
	Min	5.1	4.4	5.3	6.6	8.8	11.5	13.3	13.7	13.0	10.6	7.9	6.0	8.8
	Mean	6.8	6.2	7.6	9.1	11.7	14.5	16.1	16.4	15.4	12.6	9.6	7.7	11.2
JERSEY, ST. HELIER		49°12'N., 02°07'W. 9m (28ft) 9-9hr.												
	Max	8.8	8.3	10.9	12.9	16.4	19.3	20.6	21.2	19.3	15.8	12.1	9.6	14.6
	Min	4.7	4.1	5.5	7.2	9.9	12.7	14.4	15.1	13.9	10.9	7.9	5.8	9.3
	Mean	6.7	6.2	8.2	10.1	13.1	16.1	17.6	18.1	16.6	13.3	10.1	7.7	12.0

APPENDIX

Conversion table for degrees Celsius to degrees Fahrenheit

°C	.0 °F	.1 °F	.2 °F	.3 °F	.4 °F	.5 °F	.6 °F	.7 °F	.8 °F	.9 °F
24	75.2	75.4	75.6	75.7	75.9	76.1	76.3	76.5	76.6	76.8
23	73.4	73.6	73.8	73.9	74.1	74.3	74.5	74.7	74.8	75.0
22	71.6	71.8	72.0	72.1	72.3	72.5	72.7	72.9	73.0	73.2
21	69.8	70.0	70.2	70.3	70.5	70.7	70.9	71.1	71.2	71.4
20	68.0	68.2	68.4	68.5	68.7	68.9	69.1	69.3	69.4	69.6
19	66.2	66.4	66.6	66.7	66.9	67.1	67.3	67.5	67.6	67.8
18	64.4	64.6	64.8	64.9	65.1	65.3	65.5	65.7	65.8	66.0
17	62.6	62.8	63.0	63.1	63.3	63.5	63.7	63.9	64.0	64.2
16	60.8	61.0	61.2	61.3	61.5	61.7	61.9	62.1	62.2	62.4
15	59.0	59.2	59.4	59.5	59.7	59.9	60.1	60.3	60.4	60.6
14	57.2	57.4	57.6	57.7	57.9	58.1	58.3	58.5	58.6	58.8
13	55.4	55.6	55.8	55.9	56.1	56.3	56.5	56.7	56.8	57.0
12	53.6	53.8	54.0	54.1	54.3	54.5	54.7	54.9	55.0	55.2
11	51.8	52.0	52.2	52.3	52.5	52.7	52.9	53.1	53.2	53.4
10	50.0	50.2	50.4	50.5	50.7	50.9	51.1	51.3	51.4	51.6
9	48.2	48.4	48.6	48.7	48.9	49.1	49.3	49.5	49.6	49.8
8	46.4	46.6	46.8	46.9	47.1	47.3	47.5	47.7	47.8	48.0
7	44.6	44.8	45.0	45.1	45.3	45.5	45.7	45.9	46.0	46.2
6	42.8	43.0	43.2	43.3	43.5	43.7	43.9	44.1	44.2	44.4
5	41.0	41.2	41.4	41.5	41.7	41.9	42.1	42.3	42.4	42.6
4	39.2	39.4	39.6	39.7	39.9	40.1	40.3	40.5	40.6	40.8
3	37.4	37.6	37.8	37.9	38.1	38.3	38.5	38.7	38.8	39.0
2	35.6	35.8	36.0	36.1	36.3	36.5	36.7	36.9	37.0	37.2
1	33.8	34.0	34.2	34.3	34.5	34.7	34.9	35.1	35.2	35.4
0	32.0	32.2	32.4	32.5	32.7	32.9	33.1	33.3	33.4	33.6
0	32.0	31.8	31.6	31.5	31.3	31.1	30.9	30.7	30.6	30.4
1	30.2	30.0	29.8	29.7	29.5	29.3	29.1	28.9	28.8	28.6
2	28.4	28.2	28.0	27.9	27.7	27.5	27.3	27.1	27.0	26.8
3	26.6	26.4	26.2	26.1	25.9	25.7	25.5	25.3	25.2	25.0
4	24.8	24.6	24.4	24.3	24.1	23.9	23.7	23.5	23.4	23.2

Note: figures underlined are all negative values.

Section II

1931-60 Sunshine Averages

Index of Stations

Station	County	District	Page
Balerno	Midlothian	1	22
Ballykelly *	Londonderry	9	29
Bessbrooke	Armagh	9	29
Braemar	Aberdeenshire	1	22
Brighton	Sussex	5	27
Cardington *	Bedfordshire	3	25
Cawood *	Yorkshire W.R.	4	26
Davidson's Mains *	(see Edinburgh)	1	22
Dishforth *	Yorkshire N.R.	2	24
Dyce	Aberdeenshire	1	22
Edinburgh			
" Davidson's Mains *	Midlothian	1	22
" Liberton *	Midlothian	1	22
Elmdon *	Warwickshire	4	26
Everton *	Hampshire	5	27
Gatwick	Surrey	5	27
Glasgow	Lanark	6	23
Gorleston	Norfolk	3	25
Huddersfield (Oakes)	Yorkshire W.R.	4	26
Kirkcaldy *	Fife	1	22
Liberton	(see Edinburgh)	1	22
Manchester Airport	Cheshire	7	28
Oban	Argyll	6	23
Rattray Head *	Aberdeenshire	1	22
Raunds	Northampton	4	26
Ringway	(see Manchester Airport)	7	28
Strathy	Sutherland	0	21
Thorney Island *	Sussex	5	27
Turnhouse *	Midlothian	1	22
Tynemouth	Northumberland	2	24
Watnall	Nottingham	4	26
Wick	Caithness	0	21

DISTRICT O NORTHERN SCOTLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
WICK	58°27'N., 03°05'W. 36m + 8m (119ft + 25ft)												
Total	44	72	111	152	175	165	147	135	120	87	52	34	1294
Daily Mean	1.43	2.52	3.59	5.07	5.66	5.51	4.73	4.34	4.01	2.81	1.74	1.09	3.54
STRATHY	58°31'N, 04°01'W. 38m + 1m (125ft + 4ft)												
Total	30	56	100	125	164	158	125	121	100	73	38	25	1116
Daily Mean	0.98	2.00	3.23	4.17	5.28	5.26	4.04	3.91	3.35	2.36	1.26	0.72	3.06

DISTRICT 1 EASTERN SCOTLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
BRAEMAR	57°00'N., 03°24'W. 339m + 2m (1113ft + 5ft)												
Total	25	56	95	127	165	166	140	126	103	66	31	18	1118
Daily Mean	0.79	2.01	3.06	4.25	5.32	5.52	4.51	4.08	3.45	2.13	1.02	0.58	3.06
DYCE	57°12'N., 02°12'W. 56m + 2m (185ft + 5ft)												
Total	54	80	108	148	184	181	157	147	129	96	59	45	1384
Daily Mean	1.73	2.87	3.47	4.92	5.83	6.04	5.05	4.73	4.29	3.10	1.97	1.46	3.79
RATTRAY HEAD *	57°37'N., 01°50'W. 26m + 2m (85ft + 8ft)												
Total	46	75	113	154	191	172	157	166	131	88	51	42	1386
Daily Mean	1.50	2.68	3.66	5.13	6.18	5.73	5.05	5.36	4.37	2.84	1.68	1.35	3.80
KIRKCALDY *	56°08'N., 03°10'W. 42m + 12m (137ft + 38ft)												
Total	49	70	105	146	177	181	168	155	128	94	55	32	1360
Daily Mean	1.57	2.49	3.40	4.88	5.71	6.04	5.41	4.99	4.25	3.03	1.84	1.05	3.72
BALERNO	55°52'N., 03°21'W. 213m + 6m (700ft + 20ft)												
Total	46	69	101	140	183	187	158	139	115	88	51	37	1315
Daily Mean	1.48	2.48	3.27	4.67	5.91	6.24	5.10	4.48	3.82	2.84	1.72	1.18	3.60
TURNHOUSE *	55°57'N., 03°21'W. 35m + 10m (114ft + 34ft)												
Total	47	71	101	142	181	183	159	135	119	87	54	36	1315
Daily Mean	1.53	2.53	3.26	4.72	5.85	6.09	5.14	4.36	3.96	2.79	1.81	1.17	3.60
EDINBURGH (DAVIDSON'S MAINS) *	55°58'N., 03°17'W. 61m + 9m (200ft + 30ft)												
Total	47	71	101	142	174	175	151	135	117	87	54	39	1293
Daily Mean	1.52	2.54	3.26	4.72	5.60	5.85	4.88	4.35	3.89	2.82	1.79	1.24	3.54
EDINBURGH (LIBERTON) *	55°55'N., 03°10'W. 61m + 9m (200ft + 30ft)												
Total	51	78	110	141	166	172	151	146	124	95	54	26	1315
Daily Mea	1.63	2.78	3.55	4.70	5.35	5.74	4.88	4.70	4.15	3.06	1.81	0.85	3.60

DISTRICT 6 WESTERN SCOTLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
OBAN	56°25'N., 05°30'W. 70m + 2m (229ft + 6ft)												
Total	35	66	103	142	197	178	137	135	108	70	43	27	1241
Daily Mean	1.14	2.34	3.31	4.74	6.36	5.93	4.41	4.35	3.60	2.27	1.42	0.87	3.40
GLASGOW (SPRINGBURN PARK)	55°53'N., 04°14'W. 107m + 24m (351ft + 79ft)												
Total	31	58	82	128	177	175	151	125	97	68	36	20	1148
Daily Mean	0.99	2.07	2.63	4.25	5.72	5.84	4.88	4.05	3.25	2.19	1.19	0.63	3.14

DISTRICT 2 NORTH-EAST ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
TYNEMOUTH	55°01'N., 01°25'W. 33m + 2m (108ft + 7 ft)												
Total	43	66	100	147	177	182	169	147	124	92	49	33	1323
Daily Mean	1.39	2.34	3.21	4.89	5.55	6.06	5.46	4.74	4.13	2.98	1.62	1.07	3.62
DISHFORTH *	54°08'N., 01°25'W. 32m + 11m (106ft + 35ft)												
Total	59	74	108	154	196	202	181	169	131	97	60	47	1477
Daily Mean	1.89	2.64	3.47	5.14	6.33	6.72	5.84	5.45	4.37	3.13	1.99	1.53	4.04

DISTRICT 3 EASTERN ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
GORLESTON	52°35'N., 01°44'E. 2m + 5m (5ft + 18ft)												
Total	54	69	125	166	209	215	210	189	152	111	57	46	1603
Daily Mean	1.73	2.45	4.02	5.53	6.74	7.18	6.77	6.10	5.08	3.59	1.91	1.49	4.39
CARDINGTON *	52°07'N., 00°25'W. 28m + 1m (93ft + 4ft)												
Total	51	71	121	161	193	208	191	183	140	105	58	47	1529
Daily Mean	1.66	2.54	3.92	5.35	6.22	6.92	6.17	5.90	4.66	3.38	1.92	1.52	4.18

DISTRICT 4 MIDLAND COUNTIES

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
HUDDERSFIELD (OAKES) 53°39'N., 01°50'W. 232m + 9m (762ft + 30ft)													
Total	40	53	91	130	160	179	160	147	114	85	50	33	1243
Daily Mean	1.29	1.90	2.93	4.33	5.16	5.96	5.15	4.76	3.80	2.75	1.67	1.08	3.40
CAWOOD * 53°50'N., 01°08'W. 6m + 2m (20ft + 6ft)													
Total	45	65	89	140	183	190	172	154	116	81	49	37	1320
Daily Mean	1.45	2.30	2.87	4.67	5.90	6.33	5.55	4.97	3.87	2.61	1.63	1.19	3.61
WATNALL 53°01'N., 01°15'W. 117m + 6m (385ft + 19ft)													
Total	44	62	102	143	179	184	169	157	120	89	51	38	1339
Daily Mean	1.43	2.21	3.28	4.76	5.77	6.15	5.47	5.07	4.00	2.87	1.69	1.23	3.66
RAUNDS 52°20'N., 00°31'W. 28m + 3m (193ft + 11ft)													
Total	45	65	109	142	175	183	174	163	129	95	51	38	1369
Daily Mean	1.44	2.32	3.52	4.72	5.65	6.11	5.63	5.26	4.30	3.08	1.69	1.22	3.74
ELMDON * 52°27'N., 01°45'W. 99m + 2m (324ft + 6ft)													
Total	44	65	107	151	185	192	178	173	127	92	50	40	1404
Daily Mean	1.42	2.34	3.44	5.02	5.96	6.40	5.75	5.58	4.24	2.98	1.67	1.28	3.84

DISTRICT 5 SOUTH-EAST ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
GATWICK	51°09'N., 00°11'W. 59m +1m (192ft + 4ft)												
Total	56	70	117	169	209	215	216	189	148	105	58	44	1596
Daily Mean	1.82	2.51	3.78	5.63	6.75	7.15	6.97	6.09	4.92	3.39	1.93	1.42	4.36
THORNEY ISLAND *	50°49'N., 00°56'W. 3m + 11m (10ft + 37ft)												
Total	64	82	133	178	219	232	211	199	152	115	69	54	1708
Daily Mean	2.07	2.94	4.27	5.95	7.07	7.74	6.79	6.43	5.05	3.71	2.30	1.75	4.67
BRIGHTON	50°49'N., 00°08'W. 10m + 25m (32ft + 82ft)												
Total	65	81	136	180	224	236	215	210	161	122	70	54	1754
Daily Mean	2.11	2.89	4.40	6.01	7.22	7.85	6.95	6.77	5.37	3.92	2.34	1.75	4.81
EVERTON *	50°44'N., 01°34'W. 16m + 1m (51ft + 4ft)												
Total	66	83	138	195	227	235	217	214	160	121	71	56	1783
Daily Mean	2.13	2.95	4.45	6.50	7.32	7.48	6.99	6.89	5.32	3.89	2.36	1.80	4.88

DISTRICT 7 NORTH-WEST ENGLAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
RINGWAY	53°2'N., 02°16'W. 74m + 2m (243ft + 6ft)												
Total	34	55	99	138	177	179	154	151	116	85	43	32	1263
Daily Mean	1.09	1.96	3.21	4.59	5.70	5.97	4.97	4.88	3.87	2.76	1.44	1.02	3.45

DISTRICT 9 NORTHERN IRELAND

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
BALLYKELLY *	55°04'N., 07°01'W. 3m + 5m (10ft + 16ft)												
Total	49	76	112	157	199	170	136	144	118	87	61	39	1348
Daily Mean	1.58	2.69	3.61	5.23	6.43	5.67	4.39	4.65	3.93	2.80	2.03	1.26	3.69
BESSBROOKE	54°12'N., 06°24'W. 69m + 208m (225ft + 68.2ft)												
Total	53	71	105	146	194	184	144	143	111	88	61	43	1343
Daily Mean	1.71	2.51	3.39	4.87	6.26	6.13	4.64	4.61	3.70	2.83	2.03	1.38	3.68